

ABSTRACT OF THE DISCLOSURE

A four-line CCD sensor is structured by line
sensors R, G, B in which color filters are respectively
disposed on surfaces of light receiving elements, and a
5 line sensor BK at which no color filter is disposed.
Amplitudes of signals which are outputted from the line
sensors R, G, B at a time of reading a color document,
and an amplitude of a signal which is outputted from
the line sensor BK at a time of reading a monochrome
10 document are adjusted so as to be substantially equal
to one another. In a case in which a color document is
read, outputs of the line sensors R, G, B are
selectively provided, and in a case in which a
monochrome document is read, output of the line sensor
15 BK is selectively provided.